



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO.	SERIAL NO.
		(3022-0019) 1227.43062X00	10/644,094
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		APPLICANT T. SHINODA	
		FILING DATE August 20, 2003	EXPECTED GROUP

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	4,890,842	01/02/90	Plange			
AB						
AC						
AD						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/ Abstracts	
						Yes	No
AE	8-71205	03/19/96	Japan			X	
AF	7-204314	08/08/95	Japan			X	
AG	7-68051	03/14/95	Japan			X	
AH	6-110853	04/22/94	Japan			X	
AI	2003-175154	06/24/03	Japan			X	
AJ	2003-38858	02/12/03	Japan			X	
AK	2002-18378	01/22/02	Japan			X	
AL	2001-331269	11/30/01	Japan			X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	
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AE	2001-293133	10/23/01	Japan			X	
AF	2001-187273	07/10/01	Japan			X	
AG	2001-113043	04/24/01	Japan			X	
AH	2000-224664	08/11/00	Japan			X	
AI	2000-48182	02/18/00	Japan			X	
AJ	11-473	01/06/99	Japan			X	
AK	10-108959	04/28/98	Japan			X	
AL	9-325759	12/16/97	Japan			X	

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AE	WO 02/22222 A1	03/21/02	PCT				
AF	DE 197 53 285 A1	01/07/00	Germany				X
AG	WO 99/41719	08/19/99	PCT			X	
AH	WO 95/51384	11/19/98	PCT				
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